

CLAIMS

1. A gas supply device comprising a portable
5 container (50) that can be coupled to a recharging base
(1) for filling purposes, said base being able to be
connected to a gas source and including an area (2) for
receiving the portable container (50), characterized in
10 that the container (50) includes an electronic label
(19) and the base (1) includes, in the vicinity of said
area (2), a read device (20) for reading such a label
when the container is coupled to the base, the read
device being connected to a control unit (9) for
controlling the supply of gas via the base.
- 15 2. The device as claimed in claim 1, characterized in
that the label (19) and the read device (20) are
respectively arranged in the vicinity of the members
(18; 4) for fluid connection between the container (50)
20 and the base (1).
3. The device as claimed in claim 2, characterized in
that the label (19) is of the passive type with
emulation by radiofrequency induction.
- 25 4. The device as claimed in claim 3, characterized in
that the read device (20) includes an antenna
surrounding the nozzle (4) for coupling to the
container (50).
- 30 5. The device as claimed in one of the preceding
claims, characterized in that the base (1) includes, in
the low-pressure gas circuit (7), a solenoid valve (11)
connected to the control unit (9).
- 35 6. The device as claimed in one of the preceding
claims, characterized in that the base (1) includes, in
the high-pressure gas circuit (5), a pressure sensor

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(8) connected to the control unit (9).

7. The device as claimed in one of the preceding claims, characterized in that the base (1) includes
5 means (10) for displaying data contained in the control unit (9).

8. The device as claimed in one of the preceding claims, characterized in that the base (1) includes
10 means (21, 22), connected to the control unit (9), for externally transmitting data contained in the control unit.